

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 2    | optically near5 variable near5 pigment near5 asymmetrical near5 layer near5 structure | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/09 10:22 |
| S2    | 404  | 106/400.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/08 16:03 |
| S3    | 257  | 106/481.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/09 14:39 |
| S4    | 594  | 106/482.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/08 16:03 |
| S5    | 625  | 106/415.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/08 16:03 |
| S6    | 506  | 106/404.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/08 16:03 |
| S7    | 2146 | S2 S3 S4 S5 S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/08 16:04 |
| S8    | 115  | S7 and pigment and ((platelet or flake) same aluminum) and (vapor near3 deposition)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/08 16:06 |
| S9    | 189  | bujard.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/01/08 16:06 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S10 | 9     | S9 and S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/08 16:21 |
| S11 | 12049 | ((plane near3 parallel) or (flake or platelet)) same pigment | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/08 16:22 |
| S12 | 43    | platelet near3 shape near3 pigment                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:28 |
| S13 | 371   | 106/31.65.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:29 |
| S14 | 42    | S13 and pigment same (platelet or flake or plane)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:29 |
| S15 | 42    | S14 not S12  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:37 |
| S16 | 1271  | 257/77.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:37 |
| S17 | 2     | S16 and pigment  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S18 | 404   | 106/400.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S19 | 257   | 106/481.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S20 | 594  | 106/482.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S21 | 627  | 106/415.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S22 | 507  | 106/404.ccls.                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S23 | 2148 | S18 S19 S20 S21 S22                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S24 | 1380 | S23 and pigment                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S25 | 665  | S24 and (flake or platelet)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S26 | 608  | S25 and metal                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:38 |
| S27 | 138  | S26 and (vapor near5 deposition)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:39 |
| S28 | 134  | S26 and (vapor adj deposition)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:39 |
| S29 | 0    | S28 and thickness and lenght and width | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:39 |

## EAST Search History

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S30 | 132  | S28 and thickness   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 11:40 |
| S31 | 257  | 106/481.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:39 |
| S32 | 155  | S31 and pigment   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:39 |
| S33 | 48   | S32 and (platelet or plate-like or flake or (plate adj like)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S34 | 404  | 106/400.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S35 | 257  | 106/481.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S36 | 594  | 106/482.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S37 | 627  | 106/415.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S38 | 507  | 106/404.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S39 | 2148 | S34 S35 S36 S37 S38   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |

## EAST Search History

|     |      |                                |   |    |    |                  |
|-----|------|--------------------------------|---|----|----|------------------|
| S40 | 1380 | S39 and pigment                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S41 | 665  | S40 and (flake or platelet)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S42 | 608  | S41 and metal                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S43 | 134  | S42 and (vapor adj deposition) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S44 | 132  | S43 and thickness              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 14:40 |
| S45 | 36   | S33 not S44                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 15:54 |
| S46 | 1    | 10/517,283                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2007/01/09 15:54 |